



Lab supports summer STEM programs at San Ildefonso Pueblo

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More than 40 children enrolled in the San Ildefonso Pueblo summer program were treated to two days of outdoor and indoor STEM programs July 22 and 23, thanks to the Laboratory, its employees, and its partners. The River Festival, organized in conjunction with local nonprofit Ogallala Commons introduced the students to water conservation, irrigated agriculture, and the role of beavers in river ecosystems, while also giving them hands-on experience of native reptiles and amphibians. Then, Laboratory employees joined other volunteers from STEM Santa Fe and Pajarito Environmental Education Center (PEEC) to put on a day of interactive science-related activities and games.

Artist's illustration of the umbrella-like heat radiators of four Kilopower nuclear reactors casting shadows on the Martian surface.

Ground-breaking Los Alamos invention grabs honors

Los Alamos National Laboratory researchers Patrick McClure and Bob Reid were recently honored with the 2019 Richard P. Feynman Innovation Prize for their work in developing small, cost-effective and safe nuclear reactor designs to power future habitats in space, as well as remote terrestrial locations. The technology, known as Kilopower, was successfully tested last year in Nevada in partnership with NASA-Glenn Research Center. The Laboratory is now collaborating with the power company Westinghouse to demonstrate the feasibility of using the reactors to bring power to remote, hard-to-reach locations.

The prize is sponsored by the Richard P. Feynman Center for Innovation, the Laboratory's tech-transfer division that helps to transition science and technology created at the Laboratory to the private sector. In addition, a select group of Laboratory scientists presented their work to businesses and the community as part of the Center's [annual DisrupTECH event](#).

LANL Foundation accepting grant applications

The LANL Foundation is [now accepting applications](#) for \$2,500 funding under its Small Grants program.

Education Outreach Grants directly support public school children in grades K–12, while Community Outreach Grants meet the Foundation’s mission and vision of innovative programming, collaboration and advocacy for lifelong learning but need not be tied directly to K–12 public education. Early childhood and adult programs, basic needs, family and community support programs and some community events fall within the category of community funding. Eligible nonprofits, pueblos, public school districts or government agencies must serve the seven Northern New Mexico counties of Los Alamos, Mora, Rio Arriba, San Miguel, Sandoval, Santa Fe or Taos, and the deadline to apply is September 15, 2019.

Participate in the Congressional App Challenge

The [Congressional App Challenge](#) (CAC) is a public effort to encourage students to learn how to code, through annual district-wide competitions hosted by Members of Congress for their district. Middle and high school students code original applications for the chance to be selected for recognition by their Member of Congress, win prizes, and have their work put on display in the Capitol Building in Washington, D.C. Students can use any programming language and any platform, and compete as individuals or in teams of up to four people. Those interested must submit their app by November 1, with the winners announced in December. For more information, go [here](#).

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